

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF THE CLAIMS

1. (Currently Amended) A gel comprising a carbon nanotube and an ionic liquid, wherein the ionic liquid is a salt which assumes a molten state at or very near room temperature.
2. (Original) The gel composition as claimed in claim 1, wherein the carbon nanotube is a single-walled carbon nanotube.
3. (Currently Amended) A method for producing the gel composition~~al~~ of claim 1 comprising a carbon nanotube and an ionic liquid, which comprises a step of pulverizing, in the presence of the ionic liquid, the carbon nanotube by applying a shearing force thereto.
4. (Original) The method for producing the gel composition as claimed in claim 3, further comprising a step of subjecting the product of the pulverization to centrifugal separation.
5. (Currently Amended) A method for ~~working~~ using the gel composition of claim 1 comprising a carbon nanotube and an ionic liquid, which comprises the step of forming a desired shape from said gel composition by subjecting the composition in a fluidized state to application of an external force by a printing, coating, extrusion or injection operation, and then a step of removing the ionic liquid from said gel composition by bringing said shape in contact with a solvent capable of dissolving the ionic liquid or an absorbent capable of absorbing the ionic liquid.